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ABSTRACT

This publication contains brief descriptions of National Institutes of Health programs for underrepresented minorities, including fellowships, programs for high school students, graduate research assistantships, postdoctoral training, and programs for college students. The publication provides a description of each program, eligibility requirements, financial support available, and address and telephone number for further information. Programs at the National Institutes of Health proper include the Extramural Associates Program and the Research Supplements for Minorities (for high school students, college students, graduate research assistants, postdoctoral students, and investigators). Programs at the National Institute of General Medical Sciences include the Initiative for Minority Students (includes both Bridges to the Baccalaureate Degree and Bridges to the Doctoral Degree), the Minority Biomedical Research Support Program, Predoctoral Fellowship Awards for Minority Students, and Minority Access to Research Career Programs for faculty fellowship, honors undergraduate research training, predoctoral fellowships, and visiting scientist awards. Programs at the National Heart, Lung, and Blood Institute include the Minority Institutional research Training Program, the Minority School Faculty Development Award, the Research Development Award for Minority Faculty, and the Short-Term Training for Minority Students Program. The National Center for Research Resources has one program: the Research Centers in Minority Institutions Program. (JB)

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NIH Minority Programs

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U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Public Health Service National Institutes of Health

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Introduction

The National Institutes of Health (NIH) is the primary biomedical health research agency of the Federal government and its mission is to improve the health of the American people through the acquisition of new knowledge about health and prevention of disease. NIH accomplishes this by conducting biomedical and behavioral research in its own laboratories in Bethesda, Maryland, and by supporting investigators at institutions in the United States and abroad. NIH also supports the training of young scientists to enhance the future of biomedical research, and helps to develop and maintain research resources.

To carry out its mission, NIH is organized into 21 institutes/centers, 2 divisions, and a combined research hospital and laboratory complex. The following NIH institutes/ centers support research and research training:

National Institute on Aging
National Institute on Alcohol Abuse and Alcoholism
National Institute of Allergy and Infectious Diseases
National Institute of Arthritis and Musculoskeletal and Skin Diseases
National Cancer Institute
National Institute of Child Health and Human Development
National Institute of Deafness and Other Communication Disorders
National Institute of Dental Research
National Institute of Diabetes and Digestive and Kidney Diseases
National Institute on Drug Abuse
National Institute of Environmental Health Sciences
National Eye Institute
National Institute of General Medical Sciences
National Heart, Lung, and Blood Institute
National Institute of Mental Health
National Institute of Neurological Disorders and Stroke
National Institute of Nursing Research
National Library of Medicine
National Center for Human Genome Research
National Center for Research Resources
Fogarty International Center

This publication contains brief descriptions of NIH programs of special interest to underrepresented minorities.

National Institutes of Health

Extramural Associates Program

This program provides opportunities for women and minority institutions to participate in and contribute towards biomedical research. To achieve this purpose, the NIH invites key science administrators from minority schools and women's academic institutions to participate in training and in rotating work assignments at the NIH and elsewhere. The participants gain knowledge about Federal health-related programs, grant and contract support mechanisms, and policies and procedures governing those awards. The program consists of coursework, assignments, and other experiences designed for each participant in consultation with a senior NIH scientist administrator, who also serves as the individual's advisor.

Eligibility - Historically black colleges and universities, and other minority and women's colleges may apply. A person currently serving as an institution's administrator for biomedical or behavioral research or an individual about to assume such duties may be nominated by the president or an equivalent official. In addition to the qualifications and interests of the nominee, emphasis is placed on the demonstrated contribution of the institution to the advancement of minorities and women, on its readiness to improve its health-related research and training, and on its plan to utilize the participant's expertise after completing the program.

Support - The institution will be reimbursed by the NIH for salary, travel, and living expenses of the participant under the provisions of the Intergovernmental Personnel Act. Cost sharing arrangements are negotiated according to budget levels and institutional resources.

Further Information:

Director
Extramural Associates Program
Building 31, Room 5B38
National Institutes of Health
Bethesda, MD 20892
301-496-9728

Research Supplements for Underrepresented Minority High School Students

The purpose of this program is to enable minority high school students to obtain a meaningful experience in various aspects of health-related research to stimulate their interest in careers in biomedical or behavioral science. At institutions with a Minority High School Student Research Apprentice Program grant (MHSSRAP), the principal

investigator is encouraged to coordinate the selection of high school students for this program with the program director for the MHSSRAP.

Eligibility - Any minority high school student who is currently enrolled and in good standing at his or her high school and is interested in biomedical or behavioral research, is encouraged to participate in this program.

Support - This supplement is not to exceed $2,000 per student, including supplies, for a summer experience. A part-time experience during the regular school year would be reimbursed at the same rate. Equipment may not be purchased using these funds. Students are expected to devote sufficient effort to the research project and related activities during the period of support to gain insight into the process of scientific discovery. Support for at least 3 months is encouraged which may include a mixture of full-time summer experience and part-time experience during the school year. Principal investigators are encouraged to seek minority high school students who will devote at least 2 years to this program (i.e., equivalent to two 3-month, full-time, periods). Exceptions to the latter will be considered, based on the circumstances of the applicant, the parent grant, and the specific request.

Research Supplements for Underrepresented Minority Undergraduate Students

This supplemental program enables minority undergraduate students interested in biomedical or behavioral research to participate in a research project at a research institution during the summer months or during the school year. This experience would be separate from any requirement of the regular academic program.

The following procedures may be used to match research grant-holding investigators with appropriate minority college students:

- principal investigator may identify a student and initiate the request for the supplement;
- institution may make the pairing and request the supplement;
- student may contact a grantee institution or a principal investigator and request a summer research experience; or
- NIH can provide a list of directors of NIH programs that provide support for minority undergraduate students.

Eligibility - The student may be affiliated with either the applicant institution or another academic institution. Any undergraduate minority student interested in biomedical or behavioral research is encouraged to participate in this program.

Support - This supplement is not to exceed $6 per hour for salary plus $125 per month for supplies and travel. Equipment may not be purchased from these funds. Students are expected to devote the equivalent of at least 3 months, full-time effort to the research project and related activities during the year and, in most cases, the period of support for any individual should last at least 2 years. Exceptions to these requirements will be considered, based on the circumstances of the applicant, the parent grant, and the specific request.

Research Supplements for Underrepresented Minority Graduate Research Assistants

The objective of this program is to enable minority graduate students in biomedical and behavioral sciences to further develop their research capabilities.

Eligibility - Any minority graduate student who is enrolled in a masters or a doctoral degree program in biomedical or behavioral sciences is eligible for consideration. Students enrolled in a masters degree program in nursing sciences or social work may also be eligible. Minority students in medical school are encouraged to use this program to gain research experience during the summer months.

Support - NIH provides salary support in addition to other necessary expenses, such as supplies and travel, to enable the individual to participate on a funded research project. The requested salary must be in accordance with the salary structure of the grantee institution and consistent with the level of effort. Tuition remission is allowable as a form of compensation paid in lieu of wages. Additional funds, up to $3,000 per year, may be requested for supplies and travel. Funds may not be used to purchase equipment.

Research Supplements for Underrepresented Minority Individuals in Postdoctoral Training

These supplements provide research support for minority individuals in the postdoctoral phase of their training to participate in ongoing research projects to assist in their development to become independent biomedical or behavioral researchers. Near the end of the supplement award, candidates should be encouraged to apply for NIH fellowships, First Independent Research Support and Transition (FIRST) awards, and other NIH sources of support.

Eligibility - The minority individual in postdoctoral training may be affiliated with either the applicant institution or another institution. Only under extraordinary circumstances, which must be well justified in the application, would it be acceptable for the postdoctoral candidate to work with his or her former predoctoral mentor.

Support - NIH provides salary support in addition to other necessary expenses, such as travel and supplies, to enable the individual to participate as a postdoctoral research assistant or associate on a funded research project. The requested salary must be in accordance with the salary structure of the grantee institution and consistent with the level of effort. Additional funds, up to $6,000, may be requested for supplies and travel. Support may not be used to purchase equipment.

Research Supplements for Underrepresented Minority investigators

These supplements provide either short- or long-term research support for minority staff or faculty members to enhance their research skills leading to an independent research career. Short-term supplements enable participants to conduct full-time research for 3 to 5 months each year during the summer or another portion of the academic year, over a maximum period of 4 years. Long-term supplements enable staff or faculty members to conduct research in the biomedical or behavioral sciences for up to 4 years, at a minimum of 30 percent effort during each 12-month period.

Eligibility - The minority investigator may be affiliated with the applicant institution or another institution. The investigator must have a doctoral degree, be past the level of a research trainee, and a member of the staff or faculty with at least 1 year of postdoctoral experience. A minority individual who has previously received support from the Minority Biomedical Research Support Program, the Minority Access to Research Career Program, Small Grants, National Research Service Award fellowships, or the Academic Research Enhancement Award Program is eligible for these supplements. However, individuals are not eligible if they have received previous funding from NIH as:

- an independent principal investigator on a research grant - R01, R29;
- the project leader on a component of a program project or center grant - P01, P50; or,
- a principal investigator on an individual research career award - K02, K04, K07, K08, K11, K14, K16, K20, and K21.

Support - Under the minority investigator supplemental award, a maximum of $40,000 may be requested for salary and fringe benefits, and up to $10,000 may be requested for supplies and travel. Equipment may not be purchased except in unusual circumstances and not without prior approval of the NIH awarding component. The maximum period of support for any investigator is 4 years. The amount of salary requested must be consistent with the policies of the grantee institution (and, if applicable, the minority investigator's employing institution) and must be related to the percent of effort of the minority investigator.

Further Information:

Principal investigators interested in participating in these programs are encouraged to contact NIH staff administering their grant. For general information about the research supplements for underrepresented minorities, contact the following staff person in the appropriate awarding component:

NATIONAL INSTITUTE ON AGING
Deputy Associate Director, Office of Extramural Affairs
Gateway Building, Suite 2C218
Bethesda, MD 20892
301-496-9322

NATIONAL INSTITUTE ON ALCOHOL ABUSE AND ALCOHOLISM
Associate Director, Division of Basic Research
Parklawn Building, Room 16C06
5600 Fishers Lane
Rockville, MD 20857
301-443-2530

NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES
Director, Office of Science Training and Manpower Development
Division of Extramural Activities
Solar Building, Room 4C10
Bethesda, MD 20892
301-496-7291

NATIONAL INSTITUTE OF ARTHRITIS AND MUSCULOSKELETAL AND SKIN DISEASES
Director, Extramural Program
Building 31, Room 4C32
Bethesda, MD 20892
301-496-0802

NATIONAL CANCER INSTITUTE
Director, Division of Extramural Activities,
Executive Plaza North, Suite 600
Bethesda, MD 20892
301-496-5147

NATIONAL INSTITUTE OF CHILD HEALTH AND HUMAN DEVELOPMENT
Special Assistant to the Deputy Director
Building 31, Room 2A03
Bethesda, MD 20892
301-496-0104

NATIONAL INSTITUTE ON DEAFNESS AND OTHER COMMUNICATION DISORDERS
Director, Division of Extramural Activities
6120 Executive Boulevard
Executive Plaza South, Room 400B
Rockville, MD 20892
301-496-8693

NATIONAL INSTITUTE OF DENTAL RESEARCH
Director, Oral, Soft Tissue Diseases and AIDS Program
Westwood Building, Room 509
Bethesda, MD 20892
301-594-7541

NATIONAL INSTITUTE OF DIABETES AND DIGESTIVE AND KIDNEY DISEASES
Assistant Director for Grants and Contracts
Division of Extramural Activities
Westwood Building, Room 657
Bethesda, MD 20892
301-594-7569

NATIONAL INSTITUTE ON DRUG ABUSE
Associate Director of Special Population Research
Parklawn Building, Room 10A43
5600 Fishers Lane
Rockville, MD 20857
301-443-0441

NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES
Director, Division of Extramural Research and Training
Building 3, Room 301A
P.O. Box 12233
Research Triangle Park, NC 27709
919-541-7723

NATIONAL EYE INSTITUTE
Research Resources Officer
Executive Plaza South, Suite 350
6126 Executive Boulevard
Rockville, MD 20892
301-496-5983

NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES
Assistant Director, Referral and Liaison
Westwood Building, Room 9A11
Bethesda, MD 20892
301-594-7706

NATIONAL HEART, LUNG, AND BLOOD INSTITUTE
Director, Division of Extramural Affairs
Westwood Building, Room 7A17B
Bethesda, MD 20892
301-594-7454

NATIONAL LIBRARY OF MEDICINE
Acting Associate Director, Division of Extramural Programs
Building 38A, Room 5N505
Bethesda, MD 20892
301-496-4621

NATIONAL INSTITUTE OF MENTAL HEALTH
Deputy Associate Director for Special Populations
Parklawn Building, Room 17C16
5600 Fishers Lane
Rockville, MD 20857
301-443-3724

NATIONAL INSTITUTE OF NEUROLOGICAL DISORDERS AND STROKE
Deputy Director, Division of Extramural Activities
Federal Building, Room 1016
Bethesda, MD 20892
301-496-4188

NATIONAL INSTITUTE FOR NURSING RESEARCH
Director, Extramural Programs
Westwood Building, Room 754
Bethesda, MD 20892
301-594-7590

NATIONAL CENTER FOR HUMAN GENOME RESEARCH
Chief Research Grants Branch
Building 38A, Room 612
Bethesda, MD 20892
301-496-7531

NATIONAL CENTER FOR RESEARCH RESOURCES
Acting Deputy Director for Extramural Research Resources
Building 12A, Room 4011
Bethesda, MD 20892
301-496-6023

National Institute of General Medical Sciences

Initiative for Minority Students: Bridges to the Baccalaureate Degree Program

This program is supported by the Office of Research on Minority Health and administered by the National Institute of General Medical Sciences. It provides funds to institutions with a substantial enrollment of underrepresented minorities to facilitate the development of a partnership between 2-year institutions that offer an associate degree and a college or university offering the baccalaureate degree in areas relevant to the biomedical sciences.

Eligibility - Applications must include a partnership between a 2-year institution that offers the associate degree as the only undergraduate degree in the sciences within the participating departments and has a significant enrollment of underrepresented minorities, and a college or university offering baccalaureate degrees in science relevant to biomedical research disciplines.

Support - Students may receive salary/wages and /or other forms of compensation such as tuition remission.

Further Information:

National Institute of General Medical Sciences
National Institutes of Health
Westwood Building, Room 909
Bethesda, MD 20892
301-594-7744

Initiative for Minority Students: Bridges to the Doctoral Degree

This program, supported by the Office of Research on Minority Health and administered by the National Institute of General Medical Sciences, provides funds to institutions with a substantial enrollment of underrepresented minorities. These awards are designed to facilitate the development of a partnership between an institution that offers the M.S. degree and a research university that provides Ph.D. degree programs in biomedical sciences. The initiative seeks to encourage the development of new and innovative programs and the expansion of existing programs to improve the academic competitiveness of underrepresented minority students and facilitate their transition to careers in biomedical research.

Eligibility - Applications must include a partnership between an institution with a significant enrollment of minorities and offers the M.S. degree as the only postgraduate degree in the sciences within the participating departments and a research university providing Ph.D. degree programs in areas relevant to the biomedical sciences.

Support - Students may receive salary/wages and/or other forms of compensation such as tuition remission. These expenditures are allowable provided the student is performing necessary work, there is an employer-employee relationship between the student and the institution, the total compensation is reasonable for the work performed, and it is the institution's practice to provide the source of support for the activity. Stipends, housing, tuition, and fees are not allowable costs.

Further Information:

National Institute of General Medical Sciences
National Institutes of Health
Westwood Building, Room 909
Bethesda, MD 20892
301-594-7744

Minority Biomedical Research Support Program (MBRS)

The purpose of this program is to further the NIH's commitment towards ensuring minority groups an equal opportunity to pursue careers in biomedical research. The Minority Biomedical Research Support (MBRS) Program, awards grants to educational institutions with substantial minority enrollments to support research by faculty members, strengthen the developing minority institutions' biomedical research capabilities, and provide opportunities for students to work as part of a research team. The program has two grant mechanisms for carrying out its objectives: 1) the MBRS program project grant, and 2) the undergraduate college grant.

Eligibility - To be eligible for a grant under this program, an applicant must be located in the United States, Puerto Rico, the Virgin Islands, the Canal Zone, Guam, American Samoa, or the Trust Territory of the Pacific Islands, and be one of the following:

- a public or private, nonprofit university, 4-year college, or other institution offering undergraduate, graduate, or health professional degrees with a traditionally high minority student enrollment (> 50 percent);

- a public or private, nonprofit 2-year college, with a traditionally high minority student enrollment (> 50 percent);

- a public or private, nonprofit university, 4-year college, or other institution offering undergraduate, graduate, or health professional degrees, with a student enrollment of which a significant number are minorities (but not necessarily > 50 percent), provided the Department of Health and Human Services' Secretary determines the institution has a demonstrated commitment to the special encouragement of or assistance to minority faculty, students, and investigators; or

- a Native American tribe which has a recognized governing body and which performs substantial governmental functions, or an Alaska Regional Corporation as defined in the Alaska Native Claims Settlement Act (43 U.S.C. 1601 et seq.).

Support - Through institutional awards, the MBRS program provides for academic year and summer salaries and wages for faculty, students, and support personnel needed to conduct a research project. Other cost categories supported include: equipment, supplies, travel, and alterations and renovations.

Further Information:

Minority Biomedical Research Support Program
National Institute of General Medical Sciences
National Institutes of Health
Westwood Building, Room 952
Bethesda, MD 20892
301-594-7949

Predoctoral Fellowship Awards for Minority Students

The intent of the Minority Predoctoral Fellowship Program is to provide graduate fellowships to underrepresented minority graduates from all institutions, including those who have participated in the various NIH-sponsored minority undergraduate programs, to prepare them for research careers. This program is designed to encourage greater numbers of underrepresented minorities to pursue graduate degrees, thus fulfilling the goal of increasing the number of minorities trained for careers in biomedical research.

Eligibility - Students must be U.S. citizens, noncitizen nationals (citizens of areas outside the U.S. but under U.S. jurisdiction), or permanent U.S. residents. In addition, an applicant must be currently enrolled in a Ph.D. or combined M.D./Ph.D. (or other combined professional doctorate/research Ph.D. graduate) program in the biomedical sciences.

Support - This award provides an annual stipend of $8,800; a tuition and fee allowance in accordance with NIH policy; and an annual institutional allowance of $2,000, which may be used for travel to scientific meetings and for laboratory and other training expenses.

Further Information:

National Institute of General Medical Sciences
National Institutes of Health
Westwood Building, Room 920
Bethesda, MD 20892
301-594-7762

Minority Access to Research Careers (MARC)

The Minority Access to Research Careers Program of the National Institutes of General Medical Sciences provides research training opportunities for faculty and students at 4-year colleges that have a substantial enrollment of students from underrepresented minority groups.

MARC Faculty Fellowship

This program provides opportunities for advanced research training to full-time faculty members of 4-year colleges, universities, and health professional schools with substantial minority enrollments. These institutions may nominate faculty members for MARC fellowships to support study at graduate departments and laboratories in any nonprofit public or private institution in the United States with suitable facilities. Faculty fellows may either pursue the Ph.D. degree or obtain postdoctoral research training in the biomedical sciences.

Eligibility - The applicant must be a full-time, permanent faculty member in biomedically-related science or mathematics at an institution that meets the criteria of the MARC program for at least 3 years at the time of submission. The candidate must demonstrate a commitment to research and teaching in a minority institution and be a citizen or a noncitizen national of the U.S., or have been lawfully admitted for permanent residence in the U.S., at the time of application.

Support - Individuals may receive up to 3 years of support, with annual stipends of up to $32,300. When the training period is completed, fellows are expected to return to their home institutions to do research and to teach in the biomedical and behavioral sciences.

MARC Honors Undergraduate Research Training Program

The program aims to assist minority institutions in developing strong undergraduate science curricula to stimulate interest in biomedical research, and to increase the number of well-prepared minority students who can compete successfully for entry into graduate programs leading to a Ph.D. degree or the combined M.D./Ph.D. degree in the biomedical sciences. Under this program, minority institutions receive support to provide science courses and biomedical research training for honors students. These institutions select students on the basis of both their academic achievements and their commitment to subsequently obtain the doctoral degree in an area of biomedical science.

Eligibility - To be eligible for a grant under this program, an applicant institution must be located in the United States, Puerto Rico, the Virgin Islands, the Canal Zone, Guam, American Samoa, or the U.S. Trust Territory of the Pacific Islands and be the following:

1) A public or private, nonprofit university, 4-year college, or other institution offering undergraduate, graduate, or health professional degrees; and

2) a student enrollment with a significant proportion (not necessarily a majority) of minorities, provided the Department of Health and Human Services' Secretary determines that the institution has a demonstrated commitment to the special encouragement of and assistance to minority faculty, students, and investigators.

Support - Grants provide a stipend of $5,460 per year for freshman and sophomore trainees, and $7,656 per year for junior and senior trainees, as well as full tuition, fees, and trainee-related expenses. Each institutional grant has a maximum support period of 5 years.

MARC Predoctoral Fellowship

The MARC Predoctoral Fellowship is designed to provide an incentive to underrepresented minorities to obtain research training in the Nation's best graduate programs.

Eligibility - Individuals must be graduates of the MARC Honors Undergraduate Research Training program, and must be accepted into a specified Ph.D. program in the biomedical sciences. Applicants seeking a combined degree must be accepted into a combined (M.D./Ph.D.) program.

Support - The stipend is $10,008, and it also includes tuition, fees, and an allowance of $2,000 to help defray the cost of supplies and permit limited travel.

MARC Visiting Scientist Program

This program provides support for up to 12 months to outstanding scientist-teachers, who are visiting scientists at eligible minority institutions. The award enables the visiting scientist to reside in the campus community and to participate fully in teaching, research development, and counseling activities. The primary intent of the program is to strengthen research and teaching in the biomedical sciences for the benefit of the students and faculty at these institutions by drawing upon the special talents of scientists from other, primarily majority, institutions. Benefits also accrue to the visiting scientist through his or her involvement in innovative science education and research programs.

Eligibility - Visiting scientists should be recognized scientist-scholars in such biomedical science fields as cellular and molecular biology, genetics, pharmacology, toxicology, biomedical engineering, physiological science, and/or clinical research areas.

Support - Fellowships are awarded for 3 to 12 months. The stipend is determined by the nominees' current salary at their home institutions. Any sabbatical pay or other salary support for the proposed period in residence will be taken into account. An additional travel allowance may be provided equivalent to round-trip, coach air fare between the visiting scientist's home institution and the sponsoring institution.

Further Information:

MARC Program
National Institute of General Medical Sciences
National Institutes of Health
5333 Westbard Avenue
Westwood Building, Room 950
Bethesda, MD 20892
301-594-7823

National Heart, Lung, and Blood Institute

Minority Institutional Research Training Program

This program provides funds to research institutions to make awards to minority individuals who are willing to take a year from their professional training to develop a meritorious program in cardiovascular, pulmonary, or hematologic research. These individuals should be in the development stages of their careers.

The minority institution collaborates with a research center (medical school or comparable institution) that has strong, well-established programs of cardiovascular, pulmonary, or hematologic research and research training. The institution opens its facilities to the minority student and provides a mentor to work with the students' advisors at the minority institution.

Eligibility - The institution must meet the definition of a minority school and have ongoing staff and facilities required for the proposed program. The program director at the minority school will be responsible for the selection and appointment of trainees. The minority institution must identify and collaborate with a research center (medical school or comparable institution) that has strong, well-establish cardiovascular, pulmonary, or hematologic research and research training programs.

Support - This award provides a stipend of $733 per month for salary plus up to $1,500 per year for training-related costs.

Further Information:

Division of Heart and Vascular Diseases
National Heart, Lung, and Blood Institute
National Institutes of Health
Federal Building, Room 3C03
Bethesda, MD 20892
301-496-1724

Division of Lung Diseases
National Heart, Lung, and Blood Institute
National Institutes of Health
Westwood Building, Room 7A17
Bethesda, MD 20892
301-594-7454

Division of Blood Diseases and Resources
National Heart, Lung, and Blood Institute
National Institutes of Health
Federal Building, Room 5A08
Bethesda, MD 20892
301-496-1817

Minority School Faculty Development Award

This award is designed to encourage the development of faculty investigators at minority schools in areas related to cardiovascular, pulmonary, and hematologic research. Grants are made to minority institutions on behalf of awardees, each of whom will work with a mentor at a nearby (within 100 miles) research center, who is recognized as an accomplished investigator in the research area proposed and who will provide guidance for the awardee's development and research plan.

Eligibility - Candidates should be minority school faculty members who are citizens of the United States, noncitizen nationals, or permanent residents. They must have a doctoral degree or equivalent in a biomedical science and must want to receive specialized training in cardiovascular, pulmonary, or hematologic research.

Support - The awardee may receive salary support to a maximum of $50,000 plus fringe benefits per year for 5 years. All funds must be used to support the awardee. In addition to the salary request for the candidate, support for up to 10 percent of the mentor's salary during the summer experience may also be requested. Awardees must commit 100 percent of effort during summer and/or off-quarter periods and at least 25 percent of effort during the academic year. Up to $20,000 per year will be provided for research support.

Further Information:

Research Training and Development
Division of Heart and Vascular Diseases,
National Heart, Lung, and Blood Institute
National Institutes of Health
Federal Building, Room 3C04
Bethesda, MD 20892
301-496-1724

Prevention, Education, and Research Training Branch
Division of Lung Diseases,
National Heart, Lung, and Blood Institute
National Institutes of Health
Westwood Building, Room 640
Bethesda, MD 20892
301-594-7466

Blood Resources Branch
Division of Blood Diseases and Resources
National Heart, Lung, and Blood Institute
National Institutes of Health
Federal Building, Room 5C04
Bethesda, MD 20892
301-496-8387

Research Development Award for Minority Faculty

The Research Development Award for Minority Faculty is designed to develop the research capabilities of minority faculty investigators in areas relevant to cardiovascular, pulmonary, and hematologic diseases and resources. The purpose of the award is to encourage the enhancement of research skills in the areas of interest to the National Heart, Lung, and Blood Institute by minority faculty members at domestic institutions and to increase the number of minority individuals involved in research endeavors.

Eligibility - Awards in this program will be made to domestic institutions or organizations on behalf of awardees. Individuals for this program must have been awarded a doctoral degree (a Ph.D., M.D., D.V.M. or D.O., or its equivalent) and have a faculty appointment at an accredited college or university at the time of award. Applicants for this award must be either citizens or noncitizen nationals of the United States or have been lawfully admitted to the United States for permanent residence.

Support - The awardee may receive salary support up to a maximum of $50,000 plus fringe benefits per year for 5 years. All funds must be used to support the awardee. A minimum of 80 percent effort must be devoted to the research program. In addition to

the salary request for the candidate, support for up to 5 percent of the sponsor's salary may be requested. Up to $30,000 per year will be provided for research support.

Further Information:

Division of Heart and Vascular Diseases
National Heart, Lung, and Blood Institute
National Institutes of Health
Federal Building, Room 3C04
Bethesda, MD 20892
301-496-1724

Division of Blood Diseases and Resources
National Heart, Lung, and Blood Institute
National Institutes of Health
Federal Building, Room 5A12
Bethesda, MD 20892
301-496-5911

Division of Lung Diseases
National Heart, Lung, and Blood Institute
National Institutes of Health
Westwood Building, Room 640A
Bethesda, MD 20892
301-594-7466

Short-Term Training for Minority Students Program

This program awards funds to research institutions to enable them to attract minority students into biomedical and behavioral research careers. The grants are intended to introduce students to research experiences not available in their regular course of studies. Trainees are selected by the grantee institutions.

Eligibility - The program supports minority undergraduate students who have successfully completed at least 1 undergraduate year at an accredited college or university or 1 semester at a school of medicine, optometry, osteopathy, dentistry, veterinary medicine, pharmacy, or public health or an institution with an accredited graduate program. Individuals holding Ph.D., M.D., D.V.M., or equivalent doctoral degrees in the health sciences are not eligible. Students must be U.S. citizens, noncitizen nationals, or legal permanent residents of the United States at the time of appointment. Persons on temporary or student visas are not eligible.

Support - This award provides salary support of $733 per month, plus up to $125 per month for other training costs (e.g., supplies, tuition, fees) and up to $500 for travel to and from the training site.

Grants Information Office
Division of Research Grants
National Institutes of Health

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Further Information:

Chief, Research Training and Development Branch
Division of Heart and Vascular Diseases
National Heart, Lung, and Blood Institute
National Institutes of Health
Federal Building, Room 3C-03
Bethesda, MD 20892
301-496-1724

National Center for Research Resources

Research Centers in Minority Institutions Program

The purpose of the Research Centers in Minority Institutions Program (RCMI, G12) is to establish research centers in predominantly minority institutions that offer doctoral degrees in the health professions or sciences related to health. The program is designed to significantly enhance the capacity for the conduct of biomedical and/or behavioral research at eligible institutions by strengthening their research environment.

Eligibility - An institution must have more than 50 percent minority enrollment and offer a doctoral degree in the health professions or the sciences related to health. The institution must be located within the United States or its territories.

Support - Through institutional grants, the RCMI Program provides for faculty development and enrichment, research support personnel, renovation of laboratories and animal facilities, acquisition of state-of-the-art instrumentation, development of new technologies, enhancement of grants management, biostatistical and computer resources, and other institutional research infrastructure needs designed to assist eligible institutions to become more competitive in biomedical and behavioral research.

Further Information:

Director
Research Centers in Minority Institutions Program
National Center for Research Resources
5333 Westbard Avenue
Westwood Building, Room 10A10
National Institutes of Health
Bethesda, MD 20892
301-594-7944